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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

SA-2 STATUS, NORTH KOREA

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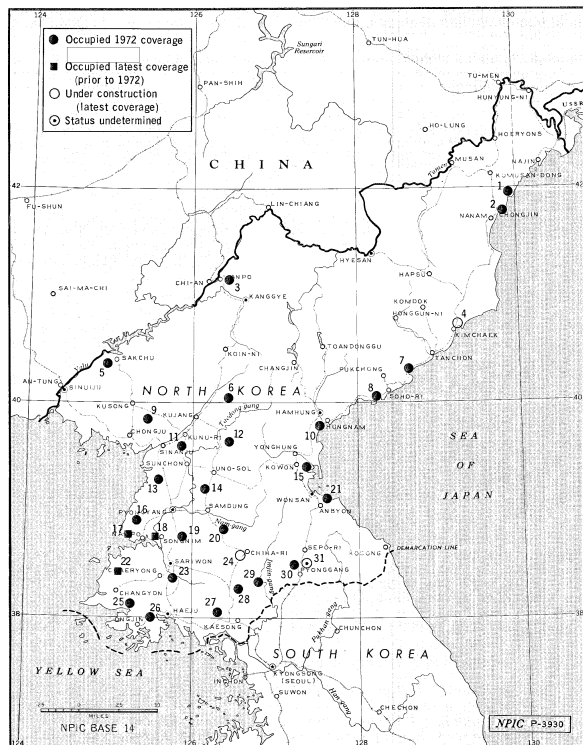
Table 1. Equipment at Active SA-2 Sites in North Korea (Item numbers keyed to Figure 1)

ABSTRACT

1. This report includes information on the status of SA-2 missile facilities in North Korea. The report is basically derived from GIANT SCALE and KEYHOLE photography. The report contains text, two location maps, four photographs, and two tables.

INTRODUCTION

2. The first major change in the SA-2 missile status in North Korea since 1968 was observed on photography. Thirteen new sites in various stages of construction, a training/

FIGURE 1. ACTIVE SA-2 SITES IN NORTH KOREA
(ITEM NUMBERS KEYED TO TABLE 1)

Item No	Installation	Geographic Coordinates	Missiles	Launchers	SA-2 Equipment Transporters	Electronics	Remarks
1	Chongjin A25-2	41-55-10N 129-56-00E	--	2	--	1 FAN SONG	Newly identified on 25X1
2	Chongjin A22-2	41-41-40N 129-41-20E	--	--	--	1 FAN SONG	Newly identified on 25X11
3	Manpo-up A07-2	41-13-29N 126-23-45E	--	6	7 missile	1 FAN SONG	Identified 25X1
4	Songjin A01-2	40-44-10N 129-12-20E	--	--	--	--	Ucon; newly identified 25X1 site not observed 25X1
5	Namsan-ni A10-2	40-25-03N 124-57-45E	--	4	12 missile	1 FAN SONG	Identified 25X1
6	Huichon A29-2	40-11-15N 126-10-45E	2	6	2 missile	1 FAN SONG	Newly identified on 25X1
7	Kunson A01-2	40-21-00N 128-39-50E	2	6	3 missile	1 FAN SONG	Newly identified on 25X1
8	Singye A09-2	40-01-46N 128-13-30E	3	6	--	1 FAN SONG	25X1
9	Taecheon A27-2	38-54-40N 125-24-10E	2	6	2 missile	1 FAN SONG	Newly identified on 25X1
10	Hungnam A25-2	39-48-30N 127-32-42E	1	6	--	1 FAN SONG	25X1
11	Sinanju A07-2	39-38-40N 125-46-15E	2	6	7 missile	1 FAN SONG	Newly identified on 25X1
12	Pukchang-ni A05-2	39-38-35N 126-23-15E	1	6	--	1 FAN SONG	Newly identified on 25X1
13	Pyeongyang C33-2	39-20-21N 125-31-25E	1	6	--	1 FAN SONG	25X1
14	Pyeongyang C05-2	39-15-58N 126-06-37E	1	4	--	1 FAN SONG	25X1
15	Hungnam C22-2	39-29-07N 127-15-57E	1	6	--	1 FAN SONG	25X1
16	Pyeongyang C26-2	38-56-40N 125-15-00E	2	6	7 missile	1 FAN SONG 1 SPOON REST	Newly identified on 25X1
17	Manpo B30-2	38-48-45N 125-08-23E	--	--	--	--	25X1
18	Pyeongyang B23-2	38-46-00N 125-27-50E	--	--	--	--	25X1
19	Pyeongyang B17-2	38-45-34N 125-51-16E	2	6	1 missile	1 FAN SONG	25X1
20	Pyeongyang C12-2	38-53-29N 126-12-07E	1	6	--	1 FAN SONG	25X1
21	Wonsan A10-2	39-08-36N 127-35-55E	1	6	--	1 FAN SONG	25X1
22	Manpo C24-2	38-27-40N 124-59-30E	--	--	--	--	25X1
23	Sariwon A21-2	38-22-30N 125-40-05E	3	6	--	1 FAN SONG	25X1
24	Singye A30-2	38-30-32N 126-28-55E	--	--	--	--	Ucon; newly identified 25X1
25	Taetan A01-2	38-08-50N 125-17-30E	--	3	--	--	Newly identified on 25X1

Table 1. (Continued)

Item No	Installation	Geographic Coordinates	Missiles	Launchers	SA-2 Equipment Transporters	Electronics	Remarks
26	Haeju A27-2	38-01-43N 125-30-53E	--	6	--	1 FAN SONG	Newly identified on
27	Huchon-ni A22-2	38-07-13N 126-10-33E	3	6	7 missile	1 FAN SONG F	Newly identified on
28	Pyonksan A14-2 (Figure 5)	38-17-20N 126-26-50E	1	6	4 missile	1 FAN SONG F	Newly identified on
29	Anhyop A28-2 (Figure 4)	38-20-55N 126-49-40E	1	3	4 missile	1 FAN SONG 4 support vans	Newly identified on
30	Pyonksan A33-2 (Figure 3)	38-29-54N 127-12-42E	2	3	--	1 FAN SONG F 2 support vans	Newly identified on
31	Pyonksan A35-2	38-29-40N 127-15-29E	--	--	3 missile	--	Status undetermined; launch and guidance positions unoccupied
TOTALS			32	127	59	24 FAN SONG (4 F model) 1 SPOON REST 10 support vans	

Table 2. Equipment at SA-2 Support/Training Facilities in North Korea (Item numbers keyed to Figure 2)

Item No	Installation	Geographic Coordinates	Missiles	Launchers	SA-2 Equipment Transporters	Electronics	Remarks
1	Pukchong SAM Support	40-19-15N 128-17-50E	--	--	18 missile	--	Newly identified on
2	Hambung SAM Support	39-53-40N 127-21-00E	--	--	26 missile 2 canister	--	
3	Unsan-up Army Barracks South	39-22-06N 126-01-18E	1	1	1 missile	--	Single-position training site
4	Kangso SAM Support	39-00-20N 125-22-40E	--	--	--	--	
5	Hukkyo-ri SAM Training/Support	38-49-50N 125-45-50E	--	--	23 missile	1 FAN SONG 6 support vans	
6	Pyeongyang SAM Support	38-51-29N 125-53-48E	12 canisters	11	26 missile 2 canister	19 support vans	
7	Anak-up SAM Support	38-25-30N 125-18-24E	--	--	--	--	
8	Pyongsan SAM Support (Figure 6)	38-19-45N 126-18-30E	--	--	12 missile 1 canister	--	Newly identified on
TOTALS			1 (12 canisters)	12	106 missile 5 canister	1 FAN SONG 25 support vans	
Total SA-2 Equipment (Sum of Tables 1 & 2)			33 (12 canisters)	139	165 missile 5 canister	25 FAN SONG 1 SPOON REST 35 support vans	

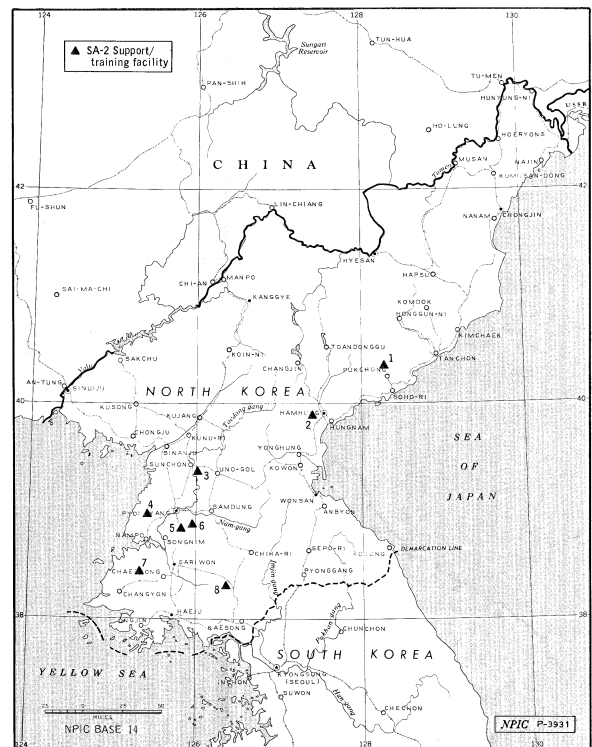


FIGURE 2. SA-2 SUPPORT/TRAINING FACILITIES IN NORTH KOREA (ITEM NUMBERS KEYED TO TABLE 2)

support facility, and several concentrations of SA-2 equipment were identified on that coverage.¹ Five SA-2 sites and two SA-2 support facilities were identified on subsequent coverage. Only one of the 13 sites, Singye SAM Site A30-2, was still under construction. Songjin SAM Site A01-2 has not been observed when it was under construction.

BASIC DESCRIPTION

3. Eleven of the 13 SA-2 sites under construction were observed to be occupied on photography of January and February 1972. Five of these 11 were occupied for the first time. Only one of the 13 sites, Singye SAM Site A30-2, was still under construction. Songjin SAM Site A01-2 has not been observed when it was under construction.

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4. Five SA-2 sites and two SA-2 support facilities have been identified on coverage [REDACTED]. The five newly identified SA-2 sites were all occupied on the latest available coverage.

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5. The 11 newly occupied sites plus the five newly identified occupied sites plus the 12 previously existing occupied sites total 28 occupied SA-2 sites in North Korea on the latest available coverage. Pyonggang SAM Site A33-2 (Figure 3) is the only occupied field-deployed SA-2 site identified in North Korea. The other 27 occupied sites have revetted launch and guidance positions and on-site support facilities (Figures 4 and 5). Table 1 presents a summary of SA-2 equipment at occupied SA-2 sites on the early 1972 coverage.

6. Twenty-five unoccupied SA-2 sites were observed on the latest available coverage; of these, only five were maintained and serviceable. Pyongyang SAM Site C29-2 [REDACTED] and Sariwon SAM Site C10-2 [REDACTED], active since 1968, were unoccupied.

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7. The total number of 56 SA-2 sites observed in North Korea [REDACTED] includes 28 occupied, 25 unoccupied, two under construction, and one (Pyonggang SAM Site A35-2) with status undetermined.

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8. [REDACTED], six SA-2 support facilities (Figure 6), one training/support facility, and one single-position training site had been observed in North Korea. No unusually large amounts of SA-2 equipment were observed at the support facilities. Table 2 presents a summary of SA-2 equipment at the SA-2 support/training facilities and a total of all the SA-2 equipment observed in North Korea on the early 1972 coverage.

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9. FAN SONG F radars were identified at four of the 16 newly occupied SA-2 sites. These are the first F model FAN SONG radars observed in an operational status in North Korea.

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MAPS

ACIC. Series ONC, Sheets F-9 and G-10, scale 1:1,000,000

DOCUMENTS

1. NPIC. [REDACTED], PIN-178/71, Increased SAM Activity,
North Korea, Nov 71 (TOP SECRET RUFF/[REDACTED])

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REQUIREMENT

NPIC/IEG/EGD/NKB Project 120201NR

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